

Solving Systems of Equations by Elimination

Date _____ Period _____

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -4x - 2y = -12 \\ & 4x + 8y = -24 \end{aligned}$$

$$\begin{aligned} 2) \quad & 4x + 8y = 20 \\ & -4x + 2y = -30 \end{aligned}$$

$$\begin{aligned} 3) \quad & x - y = 11 \\ & 2x + y = 19 \end{aligned}$$

$$\begin{aligned} 4) \quad & -6x + 5y = 1 \\ & 6x + 4y = -10 \end{aligned}$$

$$\begin{aligned} 5) \quad & -2x - 9y = -25 \\ & -4x - 9y = -23 \end{aligned}$$

$$\begin{aligned} 6) \quad & 8x + y = -16 \\ & -3x + y = -5 \end{aligned}$$

$$\begin{aligned} 7) \quad & -6x + 6y = 6 \\ & -6x + 3y = -12 \end{aligned}$$

$$\begin{aligned} 8) \quad & 7x + 2y = 24 \\ & 8x + 2y = 30 \end{aligned}$$

$$\begin{aligned} 9) \quad & 5x + y = 9 \\ & 10x - 7y = -18 \end{aligned}$$

$$\begin{aligned} 10) \quad & -4x + 9y = 9 \\ & x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 11) \quad & -3x + 7y = -16 \\ & -9x + 5y = 16 \end{aligned}$$

$$\begin{aligned} 12) \quad & -7x + y = -19 \\ & -2x + 3y = -19 \end{aligned}$$